

Atty Dkt 5100-0005  
PATENT

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April 15, 2002

Patentee

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

DANIELS et al.

Confirmation No. 6599

Serial No.: 09/750,223

Group Art Unit: 1641

Filing Date: December 27, 2000

Examiner: B. Nguyen

Title: IMMUNOCHROMATOGRAPHIC METHODS FOR DETECTING AN ANALYTE IN A SAMPLE WHICH EMPLOY SEMICONDUCTOR NANOCRYSTALS AS DETECTABLE LABELS

**TRANSMITTAL LETTER**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Transmitted herewith for filing is a Supplemental Information Disclosure Statement; PCT Search Report, and a Form PTO-1449 and copies of the cited references. It is believed that no fee is due.

The Commissioner is hereby authorized to charge any fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 which may be required by this paper, or to credit any overpayment, to Deposit Account No. 18-1648.

Respectfully submitted,

Date: April 15, 2002

By:

Narinder S. Banait

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Registration No. 43,482

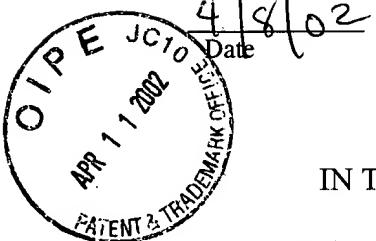
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D. Nguyen  
Signature

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**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

The information listed below was cited in an International (PCT) Search Report dated October 25, 2001, in a PCT application corresponding to the above-identified U.S. application. A copy of the Search Report, including an indication of the purported relevance of the cited documents, is enclosed herewith. Copies of the information not previously cited to the Examiner, and a completed PTO-1449 form, are also submitted herewith. The Examiner is requested to make this information of official record in the application. The information includes:

United States Patent No. 5,990,479 issued November 23, 1999 to Weiss et al.;  
International Publication No. WO 98/04740A, published February 5, 1998;  
International Publication No. WO 00/68692A, published November 16, 2001;

Bruchez et al., "Semiconductor Nanocrystals as Fluorescent Biological Labels," *American Association for the Advancement of Science* 281:2013-2016 (1998);  
Chan et al., "Quantum Dot Bioconjugates for Ultrasensitive Nonisotopic Detection," *American Association for the Advancement of Science* 281:2016-2018 (1998); and  
Dabbousi, B.O., "(DCSE) ZNS Core-Shell Quantum Dots: Synthesis and Characterizations of a Size Series of Highly Luminescent Nanocrystallites," *Journal of Physical Chemistry. B Materials, Surfaces, Interfaces, and Biophysical, Washington, D.C.* U.S. 101(46):9463-9475 (1997).

This Supplemental Information Disclosure Statement is not to be construed as a representation that: (i) additional information material to the examination of this application does not exist; (ii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iii) the above information constitutes prior art to the subject invention.

Respectfully submitted,

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